

# IP2MPTZ20 / IP4MPTZ30

2 / 4 Megapixel IP PTZ Camera



## Features

- 20x / 30x Optical Zoom
- Triple Stream Encoding
- Max 30fps @ 1080P (IP2MPTZ20) / Max 30fps @ 4MP (IP4MPTZ30)
- WDR (D-WDR), Day/Night (ICR), Ultra DNR, Auto Iris, Auto Focus
- Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS
- Max 500 °/s pan speed, 360° endless pan rotation
- Up to 255 presets, 5 auto scan, 8 tour, 5 pattern
- Built-in 2/1 alarm in/out
- Support intelligent 3D positioning with DH-SD protocol
- Micro SD memory, IP67, easy installation



Specifications		IP2MPTZ20	IP4MPTZ30
Image Sensor		1/2.8" Exmor CMOS	1/3" Color CMOS
Effective Picture (H×V)		1920 x 1080	2688 x 1520
Scanning System		Progressive	
Electronic Shutter		1/3 ~ 1/30,000s	
Min. Illumination (Color / B&W)		Color: 0.5 Lux @ F1.4 / B&W: 0.005 Lux @ F1.4	Color: 0.05 Lux @ F1.6 / B&W: 0.005 Lux @ F1.6
S/N Ratio		>55dB	
Resolution		25/30fps @ 1080P 25/30/50/60fps @ 720P	4M (2592×1520) / 3M (2304×1296) / 1080P (1920×1080) / 720P (1280×720) / D1 (704×576 / 704×480) / CIF (352×288/352×240)
Frame Rate	Main Stream	1080P / D1 (1 ~ 30fps), 720P (1 ~ 60fps)	4M / 3M (1~25/30fps) / 1080P (1~50/60fps) / 1.3M / 720P (1~25/30fps)
	Sub Stream	D1/CIF(1 ~ 25/30fps)	D1/CIF(1 ~ 25/30fps)
	Third Stream	720P/ D1/ CIF (1 ~ 25/30fps)	1080P/ D1/ CIF (1 ~ 25/30fps)
Video Output		BNC (1.0Vp-p/75Ω), PAL / NTSC	
Day/Night		Auto (ICR) / Color / B&W	
Backlight Compensation		BLC / HLC / DWDR (Digital WDR)	
White Balance		Auto, ATW, Indoor, Outdoor, Manual	
Gain Control		Auto / Manual	
Noise Reduction		2D / 3D	Ultra DNR (2D / 3D)
Privacy Masking		Up to 24 Areas	
Zoom (Optical / Digital)		20X / 12X	30X / 16X
Focal Length / Max Aperture		4.7mm ~ 94mm / F1.4 ~ F2.6	4.5mm ~ 135mm / F1.6 ~ F4.4
Focus Control		Auto / Manual	
Close Focus Distance		100mm ~ 1000mm	10mm ~ 1500mm
Angle of View		H: 54.1° ~ 3.2°	H: 60° ~ 2.2°
Range (Pan / Tilt)		Pan: 0° ~ 360° Endless / Tilt 2°~90°/s, Auto Flip 180°	
Manual Control Speed (Pan / Tilt)		Pan: 0.1° ~ 350° s / Tilt: 0.1° ~ 250°	
Preset Speed (Pan / Tilt)		Pan: 500°/s / Tilt: 500°/s	
Preset		300	
PTZ Mode		5 Pattern, 8 Tour, Auto Pan, Auto Scan	
Speed Setup		Human-Oriented Focal Length / Speed Adaptation	
Power Up Action		Auto restore to previous PTZ and lens status after power failure	
Idle Motion		Activate Preset, Pan, Scan, Tour, Pattern if there is no command in the specified period	
Time Task		Auto Activation of Preset, Pan, Scan, Tour, Pattern By Preset-Time	
Protocol		DH-SD, Pelco-P/D (Auto Recognition)	
Audio Input		1 / 1 × Channel	
RS485		1 x Port	
Alarm (In / Out)		2 / 1 × Channels	
Memory Slot		Micro SD - Max 128GB	
Waterproof / Vandalproof Ratings		IP67 / IK10 (optional)	
Power (Supply / Consumption)		AC24V/1.5A (±10%) / 13W, 23W (Heater On)	
Working Environment		-14°~140° F (-40°~60° C) / Less than 90% RH	
Dimensions (D×H) / Weight		7.3" x 9.7" / Approx 5.5 lbs	
Warranty		1 Year	